



REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

ITM-321-B

I hereby declare that:

Each inventor's residence, mailing address and citizenship are stated below next to their name.

I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,257,281 granted July 10, 2001 and for which a reissue patent is sought on the invention entitled Multi-Layer Tubing Having at Least One

Intermediate Layer Formed From a Polyamide Alloy

the specification of which

☐

is attached hereto.

☒

was filed on July 10, 2003 as reissue application number 10/617,014

and was amended on _____

(If applicable)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

☐

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐

by reason of a defective specification or drawing.

☒

by reason of the patentee claiming more or less than he had the right to claim in the patent.

☒

by reason of other errors.

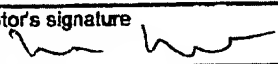

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

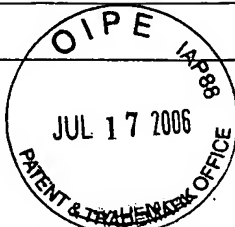
We believe the original patent to be wholly or partly inoperative because the patentees claimed less than they had a right to claim. Specifically, independent claim 1 incorrectly recited, "the thermoplastic material of the second layer contains at least one fluoroplastic constituent which is chemically dissimilar from the thermoplastic material of the *third* layer. . ." (*Emphasis added.*) Claim 1 should read, "the thermoplastic material of the second layer contains at least one fluoroplastic constituent which is chemically dissimilar from the thermoplastic material of the *first* layer. . ." Claim 1 was examined on the basis of the incorrect claim language and, on the basis of Section 103 rejection thereto, was amended to recite, "the elongated multi-layer tube has a hydrocarbon permeation level below about 0.5 g/m² per 24 hour interval." Patentees believe that claim 1, properly corrected to recite "the thermoplastic material of the second layer contains at least one fluoroplastic constituent which is chemically dissimilar from the thermoplastic material of the *first* layer. . ." patentably defines over the prior art. Claim 1 was amended to overcome the obviousness rejection without such amendment. The patentee proposes to eliminate the recitation of the specified hydrocarbon permeation level from claim 1.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)		Docket Number (Optional) ITIM-321-B	
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.			
Note: To appoint a power of attorney, use form PTO/SB/81.			
Correspondence Address: Direct all communications about the application to:			
<input checked="" type="checkbox"/> The address associated with Customer Number:		48980	
OR			
<input type="checkbox"/> Firm or Individual Name			
Address			
City		State	
Country			
Telephone		Email	
WARNING: Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.			
Full name of sole or first inventor (given name, family name) Tao NIE			
Inventor's signature 		Date 7/10/06	
Residence Macomb, MI		Citizenship China	
Mailing Address 15618 Hemlock Dr., Macomb, MI 48044-3168			
Full name of second joint inventor (given name, family name) Duane PONTERRIAND			
Inventor's signature 		Date 7-10-06	
Residence Metamora, MI		Citizenship US	
Mailing Address 2050 Miller Road, Metamora, MI 48455-9222			
<input checked="" type="checkbox"/> Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.			



PTO/SB/53 (04-04)

Approved for use through 04/30/2007. OMB 0851-0033

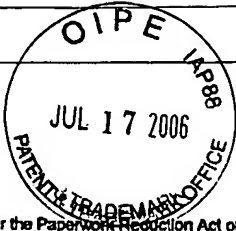
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT		Docket Number (Optional) ITTM-321-B
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) COOPER STANDARD AUTOMOTIVE, INC.		
Patent Number 6,257,281	Date Patent Issued July 10, 2001	
Title of Invention MULTI-LAYER TUBING HAVING AT LEAST ONE INTERMEDIATE LAYER FORMED FROM A POLYAMIDE ALLOY		
1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)		
2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.		
One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".		
The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.		
The assignee(s) owning an undivided interest in said original patent is/are <u>Cooper Standard</u> and the assignee(s) consents to the accompanying application for reissue. <u>Automotive, Inc.</u>		
Name of assignee/inventor (if not assigned) Cooper Standard Automotive, Inc.		
Signature <i>Larry J Beard</i>	Date 11/3/06	
Typed or printed name and title of person signing for assignee (if assigned) Larry J Beard		

This collection of information is required by 37 CFR 1.172. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Cooper Standard Automotive, Inc.

Application No./Patent No./Control No.: 8,257,281 Filed/Issue Date: 07/10/2001

Entitled: MULTI-LAYER TUBING HAVING AT LEAST ONE INTERMEDIATE LAYER FORMED FROM A POLYAMIDE ALLOY

Cooper Standard Automotive, Inc., a Corporation

(Name of Assignee)

(Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a true copy of the original assignment is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☒ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Larry J Beard
Signature
Larry J Beard

Printed or Typed Name

President, Global Fluid Division

Title

11 JUL 06
Date
248-754-2121
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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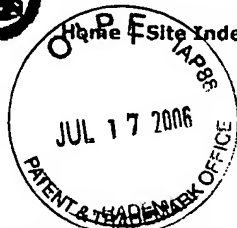


SUPPLEMENTAL SHEET TO
STATEMENT UNDER 37 C.F.R. § 3.73(b)

Cooper Standard Automotive, Inc. has title to U.S. Patent No. 6,257,281 by virtue of the Stock and Asset Purchase Agreement of December 4, 2005, the relevant portions of which have been dispatched for recordation at the U.S. Patent and Trademark Office on July 7, 2006; a copy is attached.



United States Patent and Trademark Office

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Confirmation Receipt

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	Stock and Asset Purchase Agreement										
EFFECTIVE DATE:	12/04/2005										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>ITT INDUSTRIES, INC.</td><td>12/04/2005</td></tr></tbody></table>	Name	Execution Date	ITT INDUSTRIES, INC.	12/04/2005							
Name	Execution Date										
ITT INDUSTRIES, INC.	12/04/2005										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>COOPER-STANDARD AUTOMOTIVE INC.</td></tr><tr><td>Street Address:</td><td>39550 Orchard Hill Place</td></tr><tr><td>City:</td><td>Novi</td></tr><tr><td>State/Country:</td><td>MICHIGAN</td></tr><tr><td>Postal Code:</td><td>48375</td></tr></table>	Name:	COOPER-STANDARD AUTOMOTIVE INC.	Street Address:	39550 Orchard Hill Place	City:	Novi	State/Country:	MICHIGAN	Postal Code:	48375	
Name:	COOPER-STANDARD AUTOMOTIVE INC.										
Street Address:	39550 Orchard Hill Place										
City:	Novi										
State/Country:	MICHIGAN										
Postal Code:	48375										
PROPERTY NUMBERS Total: 2											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10617014</td></tr><tr><td>Patent Number:</td><td>6257281</td></tr></tbody></table>	Property Type	Number	Application Number:	10617014	Patent Number:	6257281					
Property Type	Number										
Application Number:	10617014										
Patent Number:	6257281										
CORRESPONDENCE DATA											
Fax Number: (248)649-3338											
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.											
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Address Line 2: Suite 624											
Address Line 4: Troy, MICHIGAN 48084											

ATTORNEY DOCKET NUMBER:	ITTM321B
NAME OF SUBMITTER:	Denise M. Glassmeyer
Signature:	/Denise M. Glassmeyer/
Date:	07/07/2006
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